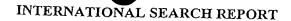


PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference					
AZ02-097WODA	FOR FURTHER see Notification of Transmittal of International Search Report ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/KR 2002/002272	3 December 2002 (03.12.2002))			
Applicant					
LG ELECTRONICS INC.					
This international search report has bee according to Article 18. A copy is bein	en prepared by this International Searching a g transmitted to the International Bureau.	Authority and is transmitted to the applicant			
This international search report consist	s of a total of 4 sheets.				
It is also accompani	ed by a copy of each prior art document cite	ed in this report.			
Basis of the report a. With regard to the language, language in which it was file	the international search was carried out on ed, unless otherwise indicated under this iter	the basis of the international application in the m.			
the international search (Authority (Rule 23.1(b))	was carried out on the basis of a translation).	of the international application furnished to this			
b. With regard to any nucleofid search was carried out on the	e and/or amino acid sequence disclosed ir basis of the sequence listing:	the international application, the international			
	onal application in written form.				
	ternational application in computer readable	e form.			
furnished subsequently to	o this Authority in written form.				
furnished subsequently to	o this Authority in computer readable form.				
international application as file	osequently furnished written sequence listing data been furnished.	g does not go beyond the disclosure in the			
the statement that the inf been furnished.	ormation recorded in computer readable for	m is identical to the written sequence listing has			
2. Certain claims were for	ind unsearchable (See Box I).				
3. Unity of invention is lac	king (See Box II).				
4. With regard to the title,					
the text is approved as su	bmitted by the applicant.				
the text has been established	hed by this Authority to read as follows:				
5. With regard to the abstract,					
the text is approved as su	bmitted by the applicant.				
the text has been establish within one month from the	ned, according to Rule 38.2(b), by this Auth ne date of mailing of this international scarc	nority as it appears in Box III. The applicant may, the report, submit comments to this Authority.			
6. The figure of the drawings to be pr	ublished with the abstract is Figure No.:	4			
as suggested by the applic	cant.	None of the figures.			
because the applicant fail	ed to suggest a figure.	- ·			
	characterizes the invention.				
Form PCT/ISA/210 (first sheet) (July 19	98)				





Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

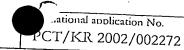
The present invention relates to a flow spreading mechanism, in particular a flow spreading mechanism used with refrigerators or air conditioners to enhance spreading of cool or warm air. To achieve the above-mentioned object, this invention comprises at least one inlet (200) through which fluid flow comes in; a flow separator means (110) dividing the flow coming through the at least one inlet (200) into at least two separate flows; and an outlet (300) through which at least two of the at least two flows having been divided into separate flows by the flow separator means go out after they meet again, thereby forming complex vortices near the outlet, which make the flow going out of the outlet swing. Flow spreading mechanism of the present invention provides a better uniformity of temperature distribution for refrigerators or air conditioners, compared with the simple-ducted outlet of the prior art.





CLASSIFICATION OF SUBJECT MATTER IPC⁷: F24F 13/04, B01F 5/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7: F24F, B01F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EpoDoc, WPI, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. FR 2043074 A (MAN) 12 February 1971 (12.02.1971) X 1 - 21the whole document. FR 2784313 A (BRUNON) 14 April 2000 (14.04.2000) X 1 - 21the whole document. US 6135629 A (DOHMANN) 24 October 2000 (24.10.2000) Х 1 - 21the whole document. US 2001/0053108 A (JAHN) 20 December 2001 (20.12.2001) X 1 - 21 the whole document. Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or priority "A" document defining the general state of the art which is not date and not in conflict with the application but cited to understand considered to be of particular relevance the principle or theory underlying the invention earlier application or patent but published on or after the international "X" document of particular relevance; the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive step "L" document which may throw doubts on priority claim(s) or which is when the document is taken alone cited to establish the publication date of another citation or other ",Y" document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is "O" document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art "P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 10 November 2004 (10.11.2004) 2 December 2004 (02.12.2004) Name and mailing adress of the ISA/AT Authorized officer Austrian Patent Office Dresdner Straße 87, A-1200 Vienna LOSENICKY G Facsimile No. 1/53424/535 Telephone No. 1/53424/372 Form PCT/ISA/210 (second sheet) (July 1998)





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